

PRODUCT DATA BULLETIN

Description and Typical Applications

MORLIFE 5000 is a premium performance product based on new and innovative chemistries for use in hot-mix asphalt pavements. MORLIFE 5000 improves the bond between asphalt and aggregates, overcoming problems associated with poor adhesion. HMA mixes treated with MORLIFE 5000 exhibit superior resistance to moisture-related damage and stripping, resulting in longer lasting pavements. In troublesome systems, MORLIFE 5000 will provide significant improvements in retained strength of HMA specimens. The low odor of MORLIFE 5000 is a dramatic improvement over other additives, resulting in no detectable odors at the paving site.

Typical Properties

Physical form	Dark brown liquid
Specific gravity, 25°C (77°F)	1.08
Pour Point, °C (77°F)	-12 (10)
Flash Point, COC, °C(°F)	145 (293)
Recommended Dosage, b/w AC	0.25 – 1%

Storage

MORLIFE 5000 is typically stored at ambient temperatures of 20-25°C (68-77°F). Mild heating to 40-50°C (104-122°F) will improve handling and pumping. MORLIFE 5000 should not be stored at temperatures in excess of 75°C (167°F) for a prolonged period.

Shipping

Freight Classification	Transportation classifications vary by container size.
Availability	Railcars, tanktrucks, 275-gallon totes, and 55-gallon non-returnable metal drums
Shipping Point	Charleston, South Carolina and Cincinnati, Ohio, USA

Asphalt Innovations is a registered trademark of MeadWestvaco. MORLIFE is a registered trademark of Rohm & Haas.

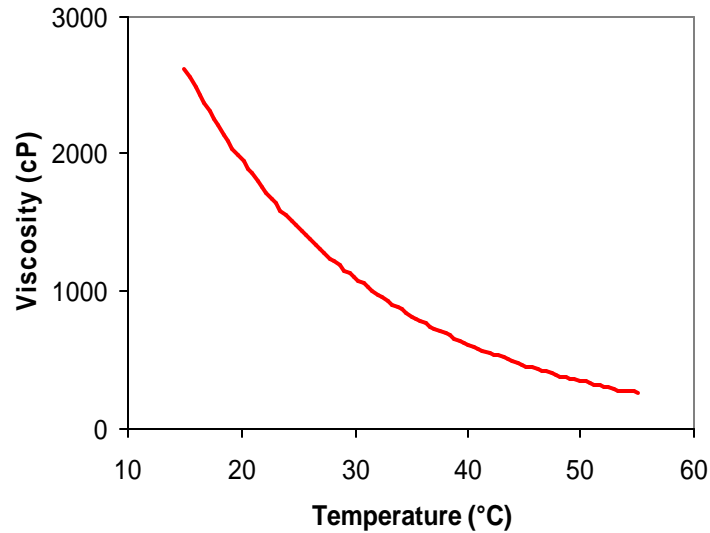
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Safety: Always refer to the Material Safety Data Sheet for detailed information on shipping, handling, storage, and use.

Important: The information provided herein is believed to be accurate and reliable, but is presented without guarantee on the part of MeadWestvaco Corporation. Further, nothing contained herein shall be taken as an inducement to violate any patent rights.

Viscosity Curve



MORLIFE 5000

CAS Registry No.: Components listed in TSCA & EINECS Inventories

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